

Second Annual Los Angeles Geospatial Summit

Japanese-American National Museum, 30 April 2012

The world is rapidly moving to a new paradigm that favors collaboration among colleagues in disparate locations through the use of mobile, web and desktop computing networks to build, update and utilize multiple iterations of shared data files, tools, computational and visualization services. This paradigm shift has been especially pronounced in the geospatial sector due to the unique characteristics of geospatial data, which are massive in size, dynamic over time, and very complex.

The summit seeks to provide a forum to connect faculty, students, and practitioners working with geospatial technologies across the Los Angeles region. The program includes two keynotes, short talks from public, private and not-for-profit sector practitioners, a series of student lightning talks, two panels, and a reception and poster session at the end of the day to provide additional networking opportunities.

This summit provides a one-of-a-kind opportunity to get caught up with what is happening around our region! We need to engage the whole geospatial community in order to identify new opportunities to continuously assemble, sensibly integrate, and intelligently leverage the computing infrastructures and geospatial assets provided by the various academic, public, private and non-profit sector organizations scattered across the Los Angeles region.

Steering Committee

Christopher B. Cogan, Environmental Science and Resource Management, California State University,
Channel Islands

Shawna Dark, Department of Geography, California State University, Northridge

Mark Greninger, County of Los Angeles

Karen C. Hanna, Department of Landscape Architecture, Cal Poly Pomona

Jordan Henk, Redlands Institute, University of Redlands

Ali Modarres, Department of Geography, California State University, Los Angeles

James Sadd, Department of Geology, Occidental College

Yongwei Sheng, Department of Geography, University of California, Los Angeles

Eric G. Strauss, Center for Urban Resilience, Loyola Marymount University

Suzanne Wechsler, Department of Geography, California State University, Long Beach

John P. Wilson, Spatial Sciences Institute, University of Southern California

Sponsors

Cartifact (Graham Marriott; gmarriott@cartifact.com) **(invited)**

Eagle Aerial (Chris Pershing, info@eagleaerial.com) **(invited)**

Esri

Geosemble (Andre Doumitt; andre.doumitt@geosemble.com) **(invited)**

Pictometry (Scott Faust; scott.f Faust@pictometry.com) **(invited)**

University of Southern California

Day at a Glance

8:30 a.m. – 9:00 a.m.	Registration and Breakfast
9:00 a.m. – 9:10 a.m.	Welcome
9:10 a.m. – 10:10 a.m.	GIS Education Panel
10:10 a.m. – 10:30 a.m.	Break
10:30 a.m. – 11:30 a.m.	The LA County Geospatial Enterprise
11:30 a.m. – 12:00 p.m.	First Keynote
12:00 p.m. – 1:45 p.m.	Lunch and Student Lightning Talks
1:45 p.m. – 2:15 p.m.	Second Keynote
2:15 p.m. – 3:15 p.m.	Additional Geospatial Assets & Opportunities around the LA Region
3:15 p.m. – 3:30 p.m.	Break
3:30 p.m. – 4:30 p.m.	GIS Internship Panel
4:30 p.m. – 4:40 p.m.	Closing Remarks
4:40 p.m. – 6:30 p.m.	Reception and Poster Session

Program

8:30 a.m. – 9:00 a.m. REGISTRATION AND BREAKFAST

9:00 a.m. – 9:10 a.m. WELCOME

John P. Wilson, Professor and Director, USC Spatial Sciences Institute

9:10 a.m. – 10:10 a.m. GIS EDUCATION PROGRAMS

This panel will explore the current state, challenges, and opportunities to build geospatial education programs across the Los Angeles Metropolitan Region that serve a variety of education, research, and training goals. The region is blessed with a large number of universities and colleges and the panelists will also discuss some of the new initiatives that are planned for their campuses in the next few years and what kinds of opportunities there may be to build collaborations that engage practitioners as well as faculty, staff and students from multiple schools.

Shawna Dark, Associate Professor and Chair, Department of Geography, CSU Northridge (Moderator)

Christopher B. Cogan, Associate Professor, Environmental Science and Resource Management Program, CSU Channel Islands

Regan Maas, Assistant Professor, Department of Geography, CSU Northridge

Yongwei Sheng, Associate Professor, Department of Geography, UCLA

Jennifer N. Swift, Assistant Professor, Spatial Sciences Institute, USC **(invited)**

10:10 a.m. – 10:30 a.m. BREAK

10:30 a.m. – 11:30 a.m. LA COUNTY'S GEOSPATIAL ENTERPRISE

(Write short blurb once list of speakers and topics is finalized)

Title TBD

Kenneth Bennett, LA Registrar-Recorder/County Clerk

Title TBD

Emilio Solano, LA County Assessor's Office **(invited)**

Title TBD

(Need on at least additional speaker from local and regional government – will need more if any of three invited speakers declines our invitation)

GIS Classifications in LA County

Susan Curran, LA County CEO **(invited)**

11:30 a.m. – 12:00 p.m. FIRST KEYNOTE

Introduction

Karen Hanna, Professor, Department of Landscape Architecture, Cal Poly Pomona

Keynote

Title: TBD

Boykin Witherspoon III, GIS Research Manager, Water Resources Institute, CSU San Bernardino

12:00 p.m. – 1:45 p.m. LUNCH AND STUDENT LIGHTNING TALKS

Moderator

Ali Modarres, Professor, Department of Geosciences and Environment, California State University, Los Angeles

Lightning Talks

Title

Student, CSU Channel Islands

Mapping Wetland Habitat in Southern California Coastal Watersheds

Patricia Pendleton, CSU Northridge Geography Master's Program

South San Diego Coast Access Plan

Scott Hayes, Cal Poly Pomona Landscape Architecture Master's Program

Title

Student, University of Redlands

Title

Andrew Odom, UCLA Geography Undergraduate Program

Title

Student, Occidental College

Title

Student, CSU Los Angeles

Title

Student, LMU

Geovisualizing the Emotional Geographies of Marathon Runners

Andrea Greavu, CSU Long Beach Geography Master's Program

Changes in Green Cover in Single Family Neighborhoods, 2000-2010

Su Jin Lee, USC Geography Doctoral Program

1:45 p.m. – 2:15 p.m. SECOND KEYNOTE

Introduction

John Wilson, Professor, Spatial Sciences Institute, USC

Keynote

Title: TBD

Johnson Kosgei, Geospatial Specialist, Red Bull

2:15 p.m. – 3:15 p.m. GEOSPATIAL APPLICATIONS AND INNOVATIONS

National Hydrography Dataset Partnerships

Drew Decker, USGS Geospatial Liaison for Arizona and Southern California, NSDI Partnership Office, U.S. Geological Survey, San Diego

Using Census Data in GIS

Tim McMonagie, U.S. Bureau of Census

GIScience in Urban Economic Modeling: Building a Virtual Co-laboratory for Policy Analysis of the Greater LA Region

WenWen Li, Post-Doctoral Fellow, Department of Geography, University of California, Santa Barbara

Using GIS in Economic Analysis and Research at the University of Redlands Institute for Spatial Economic Analysis

Johannes Moenius, Associate Professor and Director, Institute for Spatial Economic Analysis, School of Business, University of Redlands

3:15 p.m. – 3:30 p.m. BREAK

3:30 p.m. – 4:30 p.m. GIS INTERSHIPS

This panel will explore the various ways in which universities, colleges, and practitioners have used geospatial internships to augment student training opportunities and to help advance their geospatial workflows. The panel, which includes recent student interns as well as GIS faculty and practitioners who are actively involved in placing and recruiting student interns, will explore the benefits of these programs for all involved and the potential for expanding these kinds of student learning opportunities in the next few years.

Tommy Browne, LA County Department of Public Works

Warren Roberts, Professor, Geographic Information Systems Program, Rio Hondo College

Suzanne Wechsler, Associate Professor, Department of Geography, CSU Long Beach

(One or two students to be added)

4:30 p.m. – 4:40 p.m. CLOSING REMARKS

Mark Greninger, Geographic Information Officer, LA County Chief Information Office

4:40 p.m. – 6:30 p.m. RECEPTION AND POSTER SESSION

b. Toni Pogue (Vision for a Green Cal Poly Pomona Campus)

c. Elizabeth Hurst (Fire Management in the Wildland/Urban Interface)

d. Paul Dillingham (Green Alley Development in South Los Angeles)